

oppo

**TFT-LCD TV**





**LT-1005DT**

## **USER MANUAL**

READ CAREFULLY  
BEFORE OPERATION



# IMPORTANT SAFETY INSTRUCTIONS

 <div data-bbox="247 288 488 392"><b>CAUTION</b> RISK OF ELECTRIC SHOCK. DO NOT OPEN.</div> 	<b>TO PREVENT ELECTRICAL SHOCK. DO NOT REMOVE THIS COVER. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.</b>
 <b>This symbol indicates " dangerous voltage " inside the product that presents a risk of electric shock or personal injury.</b>	 <b>This symbol indicates important instructions accompanying the product.</b>

Please read this manual carefully before using this product.

- Before connecting the AC power cord to the DC adapter outlet, make sure the voltage designation of the LCD TV corresponds to the local electrical supply . If you are unsure of your power supply , ask your local power company .
- Never insert anything metallic into the cabinet openings of the LCD TV; otherwise may cause the danger of electric shock.
- To avoid electric shock, never touch the inside of the LCD TV / adapter. Only a qualified technician should open the case of the LCD TV/adapter.
- Never use your LCD TV/adapter when the power cord has been damaged . Make sure there is nothing resting on the power cord, and keep the cord away from places where people can trip over it .
- Be sure to hold the plug, not the cord when disconnecting the adapter from an electric socket.
- Openings in the LCD TV/adapter cabinet are provided for ventilation. To prevent overheating, these openings should not be blocked or covered. Also, avoid using the LCD TV on a bed , sofa , rug, or other soft surface. As this, may block the ventilation openings in the bottom of the cabinet. If you put the LCD TV in a bookcase or some other airless space, be sure to provide adequate ventilation.
- Do not expose the LCD TV to extreme temperature conditions or to extreme humidity conditions.
- The apparatus should not be exposed to dripping or splashing and no objects filled with liquids, such as vases, should be placed on the apparatus.

# IMPORTANT SAFETY INSTRUCTIONS

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- Do not clean the front with keton-type materials (e.g. Acetone ), ethyl alcohol, toluene, ethyl acid, methyl, or chloride-these may damage the panel.
- Locate your DC adapter near an easily accessible AC outlet.
- If your LCD TV does not operate normally in particular, if there are any unusual sounds or smells coming from it, unplug it immediately and contact an authorized dealer or service center.
- High temperature can cause problems. Don't use your LCD TV in direct sunlight, and keep it away from heaters, stoves, fireplaces, and other sources of heat.
- Unplug the DC adapter when it is going to be left unused for a long time .
- To reduce the risk of fire or electric shock, and annoying interference, use the recommended accessories only.
- If the LCD TV is broken, do not try to repair it yourself. Contact qualified service personnel.
- Unplug your DC adapter from the AC outlet before any service.
- Be sure the service technician uses authorized replacement parts or their equivalents. Unauthorized parts may cause fire, electrical shock, or other hazards.
- Following any service or repair, be sure the service technician performs safety checks to certify that your TFT-LCD TV is in a safe operating order.
- The apparatus with CLASS I construction shall be connected to a MAINS socket outlet with a protective earthing connection.

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## SPECIFICATIONS

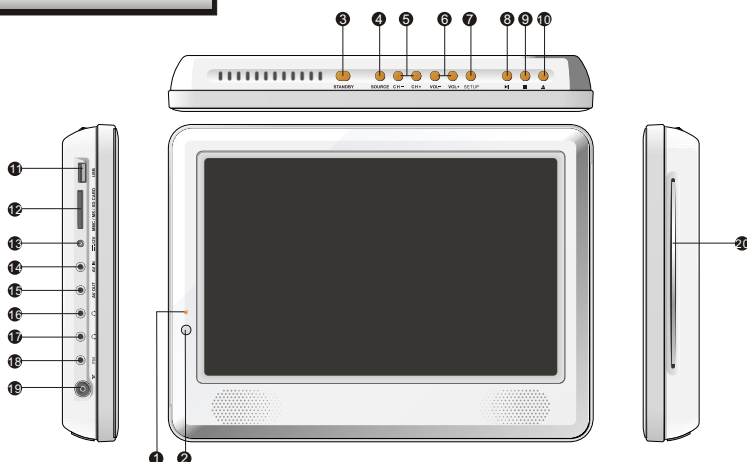
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# PANEL BUTTON FUNCTIONS

## PANEL CONTROL



### Front panel

- ① Indicator (Indicator is red when in standby mode, green when working normally.)
- ② IR sensor window

### Top panel

- ③ **STANDBY** (To switch from standby mode to power-on mode)
- ④ **SOURCE** (Select input source)
- ⑤ **CH-/+** (Increase or decrease channel number/to move selected menu item)
- ⑥ **VOL-/+** (Increase or decrease volume/characteristics)
- ⑦ **SETUP** (Enter or exit setup menu)
- ⑧ **▶||** (Play/pause button)
- ⑨ **■** (Stop button)
- ⑩ **▲** (Eject button)

### Left panel

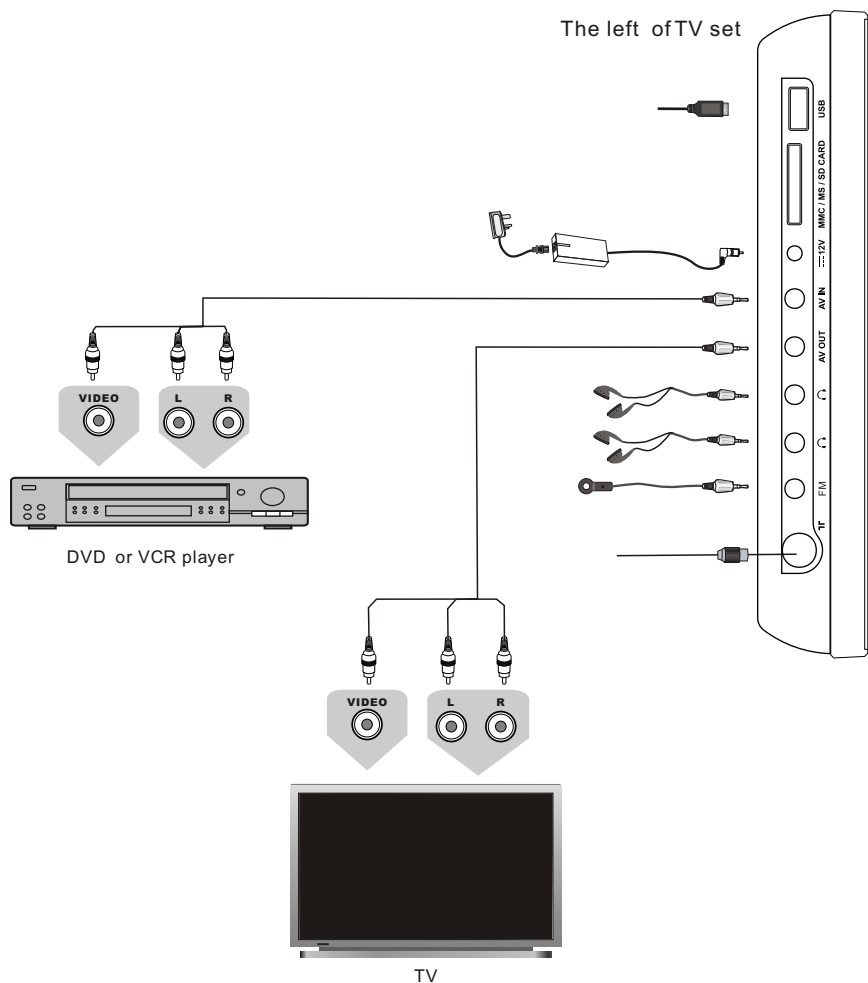
- ⑪ USB jack
- ⑫ MEDIA CARD socket
- ⑬ 12Volt DC power input socket
- ⑭ AV audio video input jack
- ⑮ AV audio video output jack
- ⑯ Headphone jack
- ⑰ Headphone jack
- ⑱ FM antenna input
- ⑲ RF input terminal

### Right panel

- ⑳ Disc in/out door

# EXTERNAL EQUIPMENT

## CONNECTING DIAGRAM

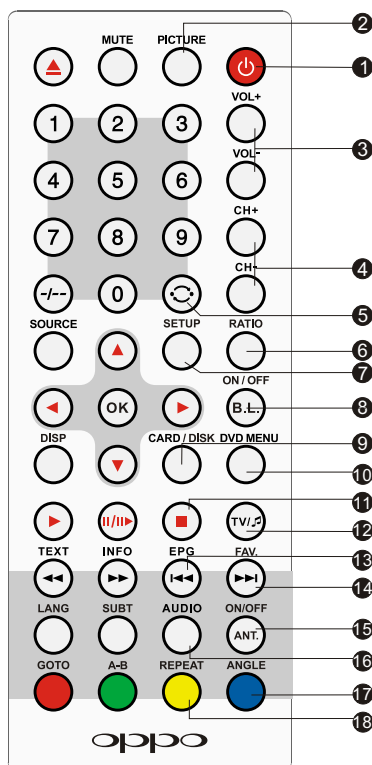


### NOTE

You should insert any interconnecting cables BEFORE plugging in the power cord.

# REMOTE CONTROL HANDSET

## REMOTE BUTTONS

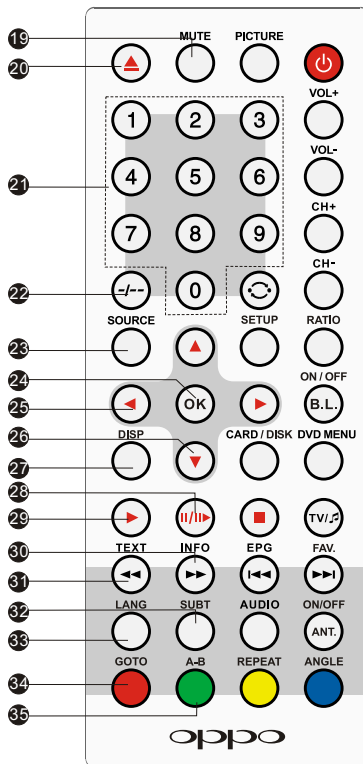


- 1 STANDBY**  
Switches between standby mode and power-on mode.
- 2 PICTURE**  
Set picture mode: Dynamic, Soft, User, Standard.
- 3 VOLUME+/-**  
Increases or decreases sound amplitude
- 4 CHANNEL+/-**  
Steps up/down program numbers.
- 5 RETURN**  
To swap between a previous program and the current program (valid in TV mode.)
- 6 RATIO**  
Switch the picture mode in 4:3 or 16:9.
- 7 SETUP**  
Display setup menu, different in different input source.
- 8 B.L ON/OFF**  
To turn on/off the screen (valid in radio mode).
- 9 CARD/DISK**  
To switch in card reader, DVD and USB modes (valid in DVD mode).
- 10 DVD MENU**  
Display DVD menu or open/close PBC;  
In DVB mode, long press to auto scan .
- 11 STOP**  
To stop playing a DVD (valid in DVD mode).
- 12 TV/**  
Switch between TV and radio modes (valid in DVB mode).
- 13 EPG/**  
To display the program guide (valid in DVB mode)  
/To select the previous chapter or track (valid in DVD mode).
- 14 FAV./**  
In DVB mode, open favourite channel list/To select the next chapter or track (valid in DVD mode).
- 15 ANT.ON/OFF**  
In DVB mode, turn on/off antenna power supply.
- 16 AUDIO**  
In DVB mode, to change sound track between left, right and stereo.

- 17 ANGLE**  
Change camera angle (valid in DVD mode)/CYAN button.
- 18 REPEAT**  
To repeat playback (valid in DVD mode)/ YELLOW button.

# REMOTE CONTROL HANDSET (contd)

- 19 MUTE**  
Sound mute button.
- 20 EJECT**  
Disc in/out ,valid in DVD mode.
- 21 Number buttons**  
To select program number.
- 22 TWO-DIGIT button**  
Switches between one or two-digit program numbers.
- 23 SOURCE**  
Select input source: TV, DVD, AV, DVB, FM.
- 24 OK button**  
To confirm a selection/item in menu.
- 25 LEFT/RIGHT cursor**  
To move left/right or adjust a selected item in menu.
- 26 UP/DOWN cursor**  
To navigate upward/downward in the menu.
- 27 DISP**  
Display or hide channel information /Display or hide disc information.
- 28 II/III▶**  
Pauses playing/steps playback in pause mode (valid in DVD mode).
- 29 ▶**  
To play normally, valid in DVD mode.
- 30 INFO/▶▶**  
To display the information about channel and program (valid in DVD and DVB mode)/ Fast forwards DVD playback (valid in DVD mode).
- 31 TEXT/ ◀◀**  
To enable or disable the function of teletext/ To fast backward playback (valid in DVD mode).
- 32 SUBT**  
In DVD/DVB mode select the subtitle language.
- 33 LANG**  
In DVD mode, to change sound decode mode like DTS or Dolby. In DVB mode, switch the output language.
- 34 GOTO**  
To play a disc from a certain time-point (valid in DVD mode).
- 35 A-B**  
To repeat play a disc segment (valid in DVD mode).

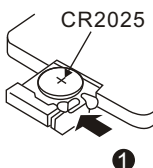




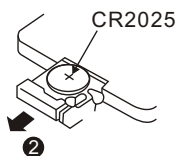
# REMOTE CONTROL HANDSET

## BATTERY INSTALLATION

When installing battery, please match the two polarities of the battery with the two polarities inside the battery case (positive upward, negative downward), as in the following figure:



Step 1: Push the button toward left.



Step 2: Pull the battery holder out.

Step3: Insert one 3VOL LITHIUM BATTERY matching the -/+ polarities of the battery to the -/+ marks inside the battery compartment, as in the diagram.

## BATTERY LIFE

- Generally speaking, the battery can be used for one year. But the detailed battery life and usage times are related to the remote control operation.
- If the remote control is still not operating when near to the unit, please replace the battery.
- Please use CR2025 battery.

## NOTES

- Do not use rechargeable battery.
- Do not charge the battery, short-circuit, disassemble, heat or throw it into fire.
- Take care not to fall and beat the remote control, which will damage the remote control or cause function trouble.
- If the battery of remote control will not be used for a long time, please take it out.

### CAUTION:

Please put battery in a place children cannot access. If swallowed by accident, please contact your local doctor immediately.

## POWER SUPPLY

- Please confirm whether the accessories contain the power adapter.
- Please make sure to use power adapter within the specification range, otherwise it will cause damage.
- Use the car adapter in the accessories, connect one end to the socket in your car, the other to the DC socket in the TV.
- The input voltage of the car adapter should be 12Volts.

# LET'S START

After the unit has been suitably placed / fixed on the desk or your car, and all cords are connected for power, input and output .

If your unit is not fixed with the battery pack, connect the adapter to the LCD TV, the unit will go into standby mode, and you can see the indicator turn red.

If your unit is fixed with the battery pack, and the quantity of electricity is high enough, the unit will go to standby mode, the indicator will turn red. If not, please check the battery pack or contact authorized service department.

What you should do next is, press the **STANDBY** key on the top panel of the TV, or **[STANDBY]** button on the remote control to make the unit switch to power-on mode then you will see the LED indicator turn green. Now you can enjoy the many features of your new product.



## CHANGE SOURCE OPERATION

You can change the input source from the source menu. Press **[SOURCE]** button on unit or **[SOURCE]** key on remote control to show the menu on screen.



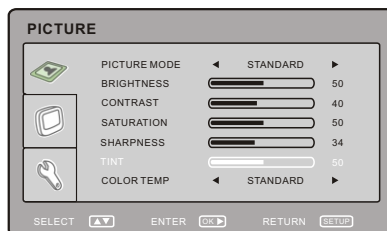
The current source item is highlighted. Press **[▲/▼]** buttons on the remote control, or **[CH+ / CH-]** key on the top panel of LCD TV to select your desired mode. Press the **[▶]** or **[OK]** button to confirm your choice .

# TV MENU SETUP

This product can store up to 100-channel programs (0~99). You can scan and store all the channels through manual or automatic mode.

In TV mode, press [SETUP] button on the remote control or top panel and menu will show as follows:

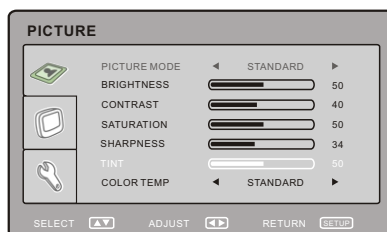
- Through pressing [▲/▼] button on the remote control, you can select main menu sections (main menu sections consist of " PICTURE ", " TV SETTING ", " SYSTEM "). Press [▶] or [OK] button to enter this menu section.
- Press [▲/▼] button on the remote control to select the item, and then press [◀/▶] button to adjust parameter value. Press [SETUP] button to save your selection and return to main menu sections.



## PICTURE

Select "  " and menu will show as right:


Press [▲/▼] button to select items and [◀/▶] button to adjust.

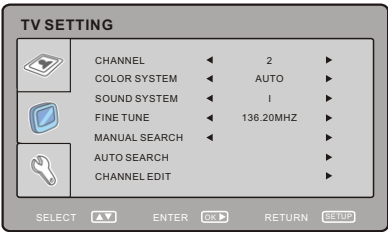


Item	Description
PICTURE MODE	Can be changed between: " USER ", " STANDARD ", " DYNAMIC " and " SOFT " .
BRIGHTNESS	To adjust brightness
CONTRAST	To adjust contrast
SATURATION	To adjust color saturation
SHARPNESS	To adjust picture sharpness
TINT	To adjust picture tint, only valid in N 3.58/N 4.43/PAL60 and display mode with V-scanning frequency equal 59.94
COLOR TEMP	To select a colortemp between : "STANDARD", "COOL" and "WARM".

# TV MENU SETUP

## TV SETTING

Select "  "and menu will show as follows:



- Press [▲/▼] button to select item and press [◀/▶] button to adjust .

Item	Description
CHANNEL	To change the channel number.
COLOR SYSTEM	Can be changed between: "Auto", "PAL" and "SECAM".
SOUND SYSTEM	Can be changed between: "BG", "DK", "I" and "L" .
FINE TUNE	Adjust current channel frequency accurately to make the sound and picture effect better.
MANUAL SEARCH	To scan programs by manually.
AUTO SEARCH	To scan programs and store all of them automatically.
CHANNEL EDIT	To enter a submenu to set channel skip and channel swap. Please refer to the next page.

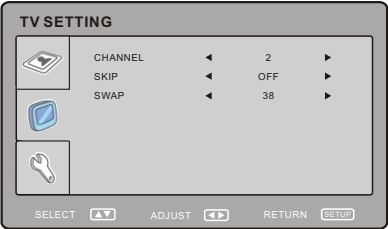
## NOTES

- Which "COLOR SYSTEM" mode and "SOUND SYSTEM" mode to use is related to your local TV broadcasting system.
- SECAM system is only used by some European countries and districts, such as France.
- If the local system is SECAM L, the color system must be selected as "SECAM" and sound system must be selected as "L".

# TV MENU SETUP

- during the searching, you can press [SETUP] button to stop.

## CHANNEL EDIT




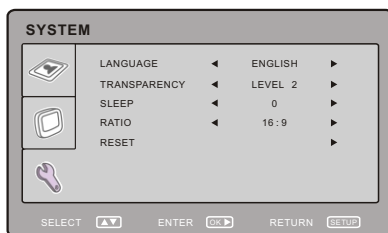
Item	Description
CHANNEL	To select current channel .
SKIP	To select "ON" or "OFF ", you can select "ON " to make current channel unaccessible while using [CH+/-] button to browse channels.
SWAP	Press [◀/▶] button to select the channel, and press [OK] button to swap the channel.

# TV MENU SETUP

## SYSTEM

You can setup some system configuration here.

Press [▲/▼] to select "  " item and press [▶] button to enter the following section:



- Press [▲/▼] button to select item and press [◀/▶] button to adjust or activate.

Item	Description
LANGUAGE	Select OSD language.
TRANSPARENCY	To change transparency of OSD.
SLEEP	Turn off the TV after a certain time automatically, the time you can set is between: Off~240Min.
RATIO	Set the TV image ratio 4 : 3 or 16 : 9.
RESET	To reset all values to default.

### NOTE

If you have set the sleep time, once the time is less than 1 minute there will be a reminder signal displayed on the screen :



At present if you want to cancel the sleep function, please press [SETUP] button on remote control.

# AV SETUP

---

If no signal input in TV or AV mode, the screen will show a similar signal to the following figure.

This unit will go into standby mode automatically if there is no signal input for more than 5 minutes.

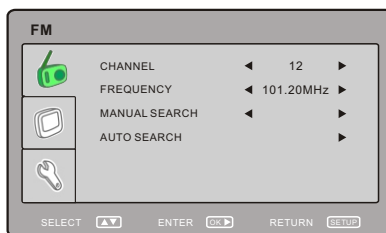


# FM OPERATION

## FM

With radio decoder built in , you can enjoy radio programs using this unit.

Connect the FM antenna in the accessories to the FM socket on the left panel of the TV, change source to FM. Press [SETUP] button and a menu will show as follows:



### 1. CHANNEL:

Display current channel number, press [◀/▶] button to change channel.

### 2. FREQUENCY:

The frequency of current channel, press [◀/▶] button to adjust it.

### 3. MANUAL SEARCH:

Search a new channel for current channel number, press [◀] button to decrease frequency and press [▶] button to increase frequency. When a channel is found, manual search will stop and the program will be stored.

### 4. AUTO SEARCH:

Search and store all the channels in FM band 87.5--108MHz. Move the cursor to AUTO SEARCH, it becomes high lighted, then press [OK] or [▶] button to auto search.

When auto search is going in, press [SETUP] button to give up AUTO SEARCH.

## NOTE

- Up to 20 channels can be preset/stored, and you can recall them in 2 ways:

Method 1:

For programs 1 ~ 9, press the number buttons on remote control to access them.

For programs 10 ~ 19, press "-/-" first, then press "0 ~ 9" to access to them;

For channel 20, just press "-/-" twice to access it.

Method 2:

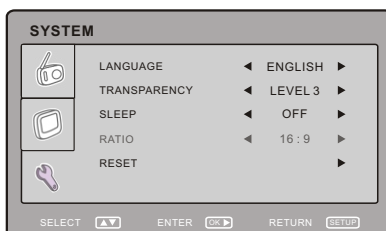
- When the CHANNEL is high lighted, Press [◀] button to decrease channel and press [▶] button to increase channel.



# FM OPERATION

## SYSTEM

In FM setup menu, select "🔧", a FM system menu will be displayed as follows:



### 1. LANGUAGE

Set FM setup menu language.

### 2. TRANSPARENCY

Set the transparency level of FM setup menu, optional settings : OFF--LEVEL6.

### 3. SLEEP

Set the time of how long before the TV goes into standby mode automatically. optional settings: OFF--240MIN, 10 minutes a step.

### 4. RATIO

In FM mode, this item is invalid .

### 5. RESET

Clear all the saved channels, set the FM OSD language to default one.

# DVD OPERATION

## Brief Introduction









DVD is well known for its extraordinarily large capacity and outstanding audio-video effects. Its capacity is as high as 4.7-17 GB (approximately 7-26 times the CD capacity). With 500-line horizontal resolution of picture , it brings a new era to household AV products.

### ■ Comparison Between DVD and Other Discs

	DVD				LD	Super VCD	VCD	CD	CDROM
Recording Method	Digital/MPEG2				Analog	Digital/MPEG2	Digital/MPEG1	Digital	Digital
Capacity	Single-sided 1 layer 4.7G	Single-sided 2 layers 8.5G	Double-sided 1 layer 9.4G	Double-sided 2 layers 17G		650MB	650MB	650MB	650MB
Playback time	133min.	242min.	266min.	484min.	1 side 60min. 2 sides 120min.	45min.	74min.	74min.	
Disc Diameter	12cm				30cm/20cm	12cm	12cm	12cm	12cm
Horizontal Resolution	500 lines or more				430 lines or more	350 lines or more	250 lines or more		
Aspect Ratio	Multiple				One				
Subtitle	32 types				Max. 16 types				
Audio	Dolby Digital				Linear PCM FM modulation			Linear PCM	
Sound Quality	48kHz,96kHz/16,20,24bit				44.1kHz/16bit		44.1kHz	44.1kHz/16bit	

### ■ Function Introduction

- Multiple languages and subtitles  
DVD disc can support as many as 8 dubbing languages and 32 subtitle languages.
- Multiple story plots  
User can select to play the desired plots (the beginning, development or ending) of the same disc.
- Multiple aspect ratios  
Multiple aspect ratios support various TV screens.

Disc Pictures	TV Screen		
	4:3		16:9
	Pan-Scan	Letterbox	
4:3 			
16:9 			

# DVD OPERATION

## Features

This player has employed the new generation DVD decode chip with built-in Dolby Digital decoder which will bring you to a brand-new AV entertainment world. The 2-laser super error-correction mechanism supports CD-R.

### Brand-new AV Effects

- ❶ Compatible with DivX discs to produce wonderful pictures.
- ❷ 108MHz/12bit video DAC, with more vivid and brilliant pictures.
- ❸ Progressive-scan video outputs to eliminate the flickers hardly overcome by interlacing scan and therefore your eyesight will be well-protected. At the same time, the pictures definition is sharply enhanced and the pictures will be finer, smoother and stabler.
- ❹ Brightness, chroma and contrast adjustment functions to render your eyes more comfortable.
- ❺ Dolby output for 2 channel (DOWNMIX).

### Many Convenient Features

- ❶ It's possible to select the desired beginning, development and ending of a story.
- ❷ Direct go to desired scene (title/chapter/track search).
- ❸ Capable of playing PAL/NTSC discs.
- ❹ Parental lock function to prevent children from watching unsuitable discs.
- ❺ Multiple dubbing languages and subtitle languages bring the best entertainment status to you all the time.




### Super Compatibility with super VCD, VCD, CD, CD-R, HDCD, KODAK PICTURE CD etc.

#### NOTE:

DivX version is still upgrading continuously and the latest version of this unit is DivX 5.1.

# DVD OPERATION

## Compatible Disc Types

Types	Sizes	Recorded Contents
	12cm	CD-DA: Digital audio
	12cm	VIDEO CD: Compressed digital audio+compressed digital video (dynamic picture)
<b>SVCD</b>	12cm	SVCD: Compressed digital audio+compressed digital video (dynamic picture)
	12cm	DVD: Compressed digital audio+compressed digital video (dynamic picture)

### NOTES

- **Issues related to**



These icons on the top banner indicate the disc types that the function described in this section applies to.



Applies to DVD disc



Applies to VCD disc



Applies to SVCD disc



Applies to CD disc

- **This model does not support the 8cm disc. Do not insert that type of disc into this device to prevent disc jam.**
- **This model support DIVX playback, but with data rate of up to 10Mbps.**

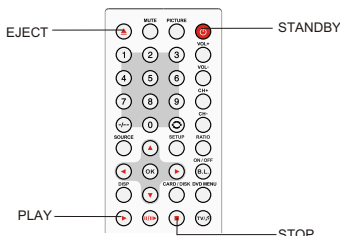
# DVD OPERATION

## PLAYBACK



1. Power on and switch signal source to DVD mode and the unit begins to work.
2. Place the disc (with label side facing users) to the door and the unit will draw in the disc automatically.

- The unit begins to read disc information.



3. Press [II/II>] button to begin playing disc.

- When the unit playing a disc, press [II/II>] button the first time and the unit enters pause state, press [II/II>] button again and the unit goes to frame-by-frame playback. Press [II/II>] the third time to resume to playback.

4. Press [■] button to stop playing.

- When the unit is playing a disc, press [■] button the first time and the unit enters pre-stop state, press [■] button again and the unit enters stop state.
- At the pre-stop state, if you press [▶] button, the unit will continue to play from the stopped point.
- At the stop state, if you press [▶] button, the unit will play from the beginning point of the disc.
- Press [■] button when playing some discs and the unit enters stop state directly.

5. Press [▲] button to take out disc.

6. When finishing playing, switch signal source to other working state or press [⏻] button to make the unit enter standby state. Please pull out the power plug from power socket when not using the unit for a long time.

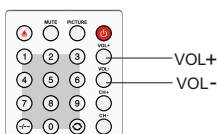
- [▲] button is effective only when in DVD mode. In other signal source, such as TV, AV, etc, this button is invalid.

## VOLUME CONTROL



1. Press [VOL+/VOL-] buttons on the remote control of this unit.

- Press [VOL+] button to increase volume; press [VOL-] button to decrease volume; the maximum volume is 100.



# DVD OPERATION

## VCD, SVCD MENU PLAYBACK



- When playing SVCD, VCD2.0 discs with menu playback function, you may set menu playback state in the setup menu and select menu playback or sequence playback.

For instance, VCD 2.0 disc menu playback.

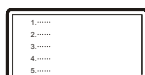
### 1. TV screen displays main menu.



- Press number buttons to select. For instance, press number button 1 to select main menu 1.



### 2. After entering main menu 1, TV screen displays submenu.

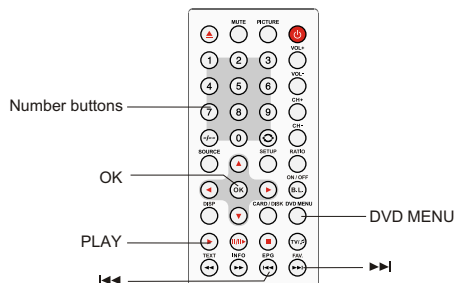


### 3. Press [ ⏮ ], [ ⏭ ] buttons to turn pages.

### 4. Press number buttons to select submenu content. For instance, press number button 5 and the unit begins to play the fifth track.



### 5. When playing, pressing [DVD MENU] button to return to the root menu.



## NOTE

When playing, in PBC on mode, you can not direct play the chapter/track entered by pressing the number button, please press [DVD MENU] button to turn PBC off.

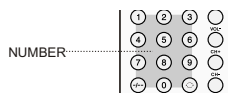
# DVD OPERATION

## SELECT TRACK TO PLAY DIRECTLY BY NUMBER BUTTONS



1. Insert disc, after disc reading and normal playback, press number buttons to select track to play directly.

- If track number is less than 10, press number buttons 1 to 9 to directly select. For instance, select the seventh track: **7**
- If track number is more than or equal to 10, press [-/-] button and then number buttons 0 to 9. For instance, select the 16th track **1** + **6**
- If track number is more than or equal to 20, press [-/-] button twice and then number buttons 0 to 9. The rest can be performed by analog.



## SELECT LANGUAGE/AUDIO



1. Press [LANG] button.

- As for DVD and SVCD discs with multiple languages, you may select the desired language when playing.

DVD disc:

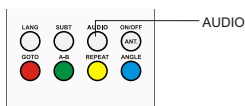


SVCD disc:



- As for VCD or CD disc with multiple channels, you may select audio output from left or right channel or select stereo audio output. For VCD disc, left channel records dubbing and right channel records singing, and you may select left channel for dubbing.

VCD, CD disc:



### NOTE

Language type varies with disc recording.

- For VCD story disc with double languages, you may press [LANG] button to select the desired language.
- When playing some DVD discs, pressing [LANG] button to switch language may result in playing the track from its beginning.

# DVD OPERATION

## REPEAT PLAYBACK



- The repeat playback function enables a certain title/chapter/track/disc repeated.

**1. Press [REPEAT] button. Each press of REPEAT button will effect different repeat functions.**

■ DVD DISC:



■ SVCD, VCD, CD discs:

- To SVCD, VCD2.0 discs, the repeat function is effective in sequence playback mode; to VCD1.1, CD discs, the repeat function may be directly operated.



- To SVCD, VCD2.0 discs, the repeat function cannot be operated in menu playback mode.



## REPEAT PLAYBACK OF SELECTED SEGMENT



- When playing disc, you may press [A-B] button to play your desired segment content repeatedly.

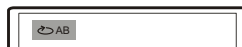
**1. In normal playback, press [A-B] button at the beginning point (point A) of the segment that you desire to play repeatedly.**

TV screen displays:



**2. In normal playback, press [A-B] button at the ending point (point B) of the segment that you desire to play repeatedly.**

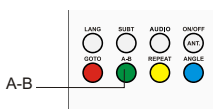
TV screen displays:



- The unit automatically returns to point A and begins to play the selected segment (A-B).

**3. Press [A-B] button for the third time.**

- The unit restores to normal playback.



### NOTE

- The A-B repeat function may be invalid to some discs. In menu playback mode, the segment can only be selected in the track.



# DVD OPERATION

## FAST PLAYBACK



- When playing discs, you may select fast forward or fast backward playback to search a certain point.

### 1. Press [ ►► ] button and the unit begins fast forward playback.

- Press [ ►► ] button each time and the disc playback speed switches in the following sequence circularly:



### 2. Press [ ◀◀ ] button and the unit begins fast backward playback.

- Press [ ◀◀ ] button each time and the disc playback speed switches in the following sequence circularly:



## PLAY FROM THE DESIRED POSITION

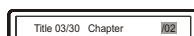


### ■ Play DVD disc

- Inputting a certain time, title number or chapter number directly will quick access the desired point and then play forward from this position.

### 1. Search title and chapter. For instance, search the 2nd chapter in title 6.

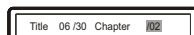
- Press [GOTO] button and TV screen displays:



- Press [◀/▶] button to move cursor and lighten the title number, shown in the figure:



- Then press number button 6 to select Title 6, shown in the figure:

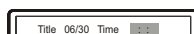


- Finally press number button 2 to select Chapter 2, shown in the figure:



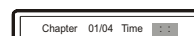
### 2. Search title time

- Press [GOTO] button until TV screen displays the following figure. Then press number buttons to input hour, minute and second.



### 3. Search chapter time

- Press [GOTO] button until TV screen displays the following figure. Then press number buttons to input hour, minute and second.



# DVD OPERATION

## ■ Play SVCD, VCD and CD discs

### 1. Search disc time

- Press [GOTO] button until TV screen displays the following figure. Then press number buttons to input minute and second.



### 2. Search track time

- Press [GOTO] button until TV screen displays the following figure. Then press number buttons to input minute and second.



### 3. Select the track

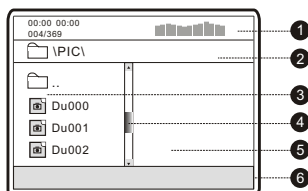
- Press [GOTO] button until TV screen displays the following figure. Press number buttons to input track.



## JPEG FILE PLAYING

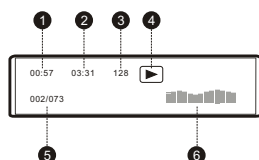
JPEG(Joint Photographic Experts Group) is the most widely used picture compression and storage format today. Utilizing high efficiency compression algorithm, JPEG compresses the original picture 15 to 20 times with excellent picture quality. JPEG features small size data, convenient application and is supported by most picture processing software, so it is very suitable to store photos.

The strong decoding capability of this unit can decode and play the files with the above formats. In the course of playing, an operation menu will appear and its construction is shown as follows.



- |  |  |
|--|--|
| ① State window<br>Display the current state information. | ④ Scroll bar window<br>Indicate the current file's position.   |
| ② DIR window<br>Display the current path.                | ⑤ Preview window<br>JPEG image preview.                        |
| ③ File window<br>Display the current path's file.        | ⑥ Information window<br>Display the current operation prompts. |

The state information in state window is as follows:

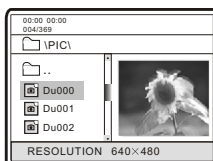


- |  |
|--|
| ① Elapsed playback time  |
| ② Total playback time  |
| ③ The audio bit rate (generally the bit rate is 128kbps, sometimes it is VBR.) |
| ④ Current playback mode indicator  |
| ⑤ Track indicator  |
| ⑥ Dynamic frequency spectrum indicator   |

# DVD OPERATION

## 2. Play JPEG file

After you put an JPEG format file into the unit, it will search disc information and display the operation menu as in the following figure. After selecting JPEG file, the preview window will appear this file's preview image to facilitate you to select. After you select the JPEG file you desired and press [OK] button to confirm, the picture will display in full screen.



### ■ Other basic operation methods

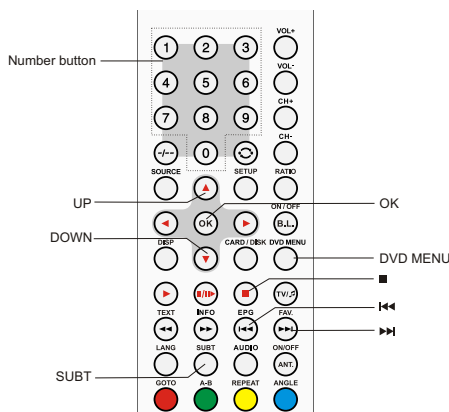
1. Press [◀], [▶] button may turn to the next or last page.

### ■ Other functions of JPEG file

1. When playing JPEG file, pressing [■] button will achieve preview playback function.

At the same time, all JPEG files are displayed on TV screen. One page can display up to 12 pictures at most. The remaining ones are shown on the next page. Pressing [▶] button will enter the next page and [◀] button will enter the previous page. You may press number buttons or [▲/▼] button to select the picture you desired and press [OK] button to confirm.

2. When in preview playback, pressing [DVD MENU] button will exit preview playback function.



## NOTE

When buttons are invalid, TV screen displays:



● Please press effective button again.

# CARD READER AND USB OPERATION

## USAGE OF USB DEVICE AND 3-IN-1 CARD READER

USB refers to Universal Serial Bus. Most of USB devices on the market are USB1.1 or USB2.0.

Here are some common types of USB 1.1 devices:

Monitors, Communication devices, Audio Human Input Device(HID), Mass storage drives etc.

Most flash memory, USB HDD etc. belongs to Mass Storage Class. Mass Storage Class includes 2 transport manners:

1. USB 1.1 Mass Storage Class Control/Bulk/Interrupt (CBI) Transport

2. USB 1.1 Mass Storage Class Bulk-Only Transport

This unit supports USB 1.1 Mass Storage Class Bulk-Only Transport.

When using USB 1.1 Mass Storage Class Bulk-Only Transport devices, please note that the file operation system only supports Windows FAT, if does not support FAT32 and NTFS file systems.

The 3-in-1 card reader of this player can read SD Card (Secure Digital Card), MMC Card (Multi Media Card) MS Card (Memory Stick Card).

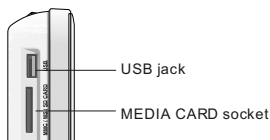
**Important: Before you use the USB or card reader function, you should change the input source of the TV to DVD and press [CARD/DISK] button.**

### 1. Using USB devices:

Please insert USB devices into the USB jack of this unit then press [CARD/DISK] button.

After correctly reading USB devices, the screen will display an operation menu.

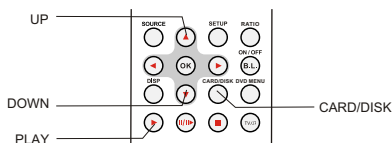
Please refer to the part of "JPEG FILE PLAYBACK" on page 22 for details.



### 2. Play 3-in-1 CARD READER

In DVD mode, press [CARD/DISK] button, the TV set will detect and read card.

If there is a supported card in the card port, after reading card data correctly, an operation menu will be displayed on the screen.



**If you want to switch to DVD state, please press [CARD/DISK] button to exit USB and card read state.**

# CARD READER AND USB OPERATION

## NOTES

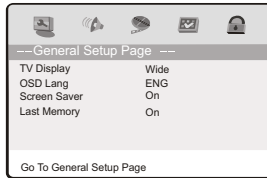
- This player can play USB devices and JPEG files in SD, MMC and MS cards.
- If there is no files in USB devices or media card, an empty operation menu appears on-screen to remind you that the device is empty. If USB devices or media card have a problem, or the operation is incorrect, the screen displays "Device Error". Please check USB device or media card, or else unplug them then insert them again.
- If a USB device or media card which are unsupported by the machine have been connected, the unit may 'lock-up' and won't respond to commands. In this event please switch off the power, take out USB equipment or media card, and then switch the power back on to reset the machine.
- This unit does not support USB On The Go (OTG) technology, so any devices with OTG data exchange mode may not work correctly. Check this out before operation.
- When inserting a media card, you should insert it in the right direction: If you are facing the TV screen, make sure you plug-in the card with its connector facing away from you.
- When the button is invalid, the TV screen displays:



Press the effective button again.

# DVD FUNCTION SETUP

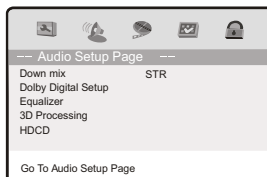
## GENERAL SETUP



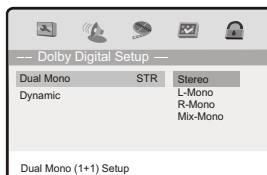
- 1. TV Display:** This item is used to set the output picture ratio of this unit.
  - Optional settings: Normal/PS, Normal/LB, Wide, Wide Squeeze; Default: Wide.
- 2. OSD language:** This item is used to set the OSD language .
  - Optional settings: English, Swedish, German; Default: English
- 3. Screen Saver:** Open or close the screen saver.
  - Optional settings: On, Off; Default: On
- 4. Last Memory:** This player can save the currently played time point automatically when you leave the current DVD disc playback (switch from DVD to card read state, switch from DVD signal source to other signal source, enter standby state in DVD mode).
  - Optional settings: On, Off; Default: On

**NOTE:** When switching to DVD playback state again, this player can automatically search the time point saved last time to continue playing. If you want to play from the beginning, please press [STOP] button twice and then press [PLAY] button.

## AUDIO SETUP



- 1. Down mix mode:** this item is used to set this unit's DOWN MIX mode to change multi channel audio into 2-channel audio output.
  - Optional settings: LT/RT, Stereo; Default: Stereo
- 2. Dolby Digital Setup:**



# DVD FUNCTION SETUP

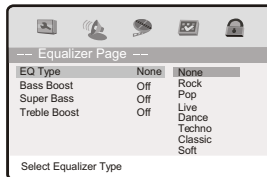
## Dual Mono:

- Optional settings: Stereo, L-Mono, R-Mono, Mix-Mono ;Default: Stereo.

## Dynamic:

- Set Dolby digital sound dynamic level, Default: Off

## 3. Equalizer :



- EQ Type: Set equalizer type, optional settings: None, Rock, Pop, Live, Dance, Techno, Classic, Soft; Default: None.
- Bass Boost: Enhance low frequency sound level, optional settings: On, Off; default: Off.
- Super Bass: Enhance very low frequency sound level, optional settings: On, Off; default: Off.
- Treble Boost: Enhance high frequency sound level, optional settings: On, Off; default: Off.

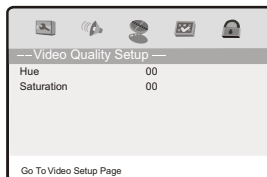
## 4. 3D Processing: Set reverberation mode .

- Optional settings: Off, Concert, Living Room, Hall, Bathroom, Cave, Arena, Church; Default: Off.

## 5. HDCD: Set filter mode.

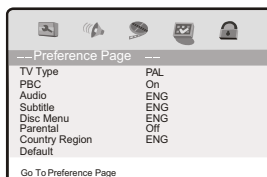
- Optional settings: Off, 1X, 2X; Default: 1X.

## VIDEO SETUP



1. Hue: This item is used to set the hue of video outputs.
2. Saturation: This item is used to set the saturation of video outputs.

## PREFERENCE SETUP



# DVD FUNCTION SETUP

## 1. TV Type: To set the output video system of this player.

- Optional settings: PAL, Auto, NTSC; Default: PAL.

## 2. PBC: To set the PBC status.

- When playing SVCD, VCD2.0 discs, if PBC is set On, this unit enters PBC playback mode; if PBC is set Off, the unit plays the disc according to track sequence.  
Optional settings: On, Off; Default: On

## 3. Audio: This item is used to set the preference audio language when playing.

## 4. Subtitle: This item is used to set the preference subtitle language when playing.

## 5. Disc menu : This item is used to set the preference disc menu language when playing.

- Default of disc menu language: English
- Default of subtitle: English
- Default of audio: English

### NOTE:

- Audio, subtitle and disc menu language are only effective in DVD mode.
- If the disc is not recorded with the language you appointed, the unit will apply the language that the disc appointed to play.
- Select other languages: press [▲/▼] button to move cursor to "OTHER" item, press [OK] button and then number buttons to input the language code you desired. After input finishes, press [OK] button again.

## 6. Parental: this item is used to set the parental control ratings to prevent children from watching restricted contents. (In the event the disc supports this function)

- Optional settings: KID SAFE, G, PG, PG 13, PGR, R, NC17, ADULT, Off; Default: Off

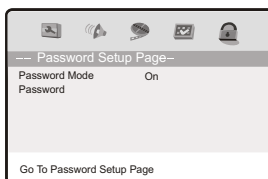
**NOTE:** When changing the parental control ratings, a password is needed. Please refer to the following password item for details.

## 7. Country Region: Set the country region according to your country.

## 8. Default: This item is used to restore all settings to the default value except "Parental control" and "Password" in the setup menu.

## PASSWORD SETUP

**Password :** This item is used to set a six digit password to enable you to change the parental control ratings.



**Password Mode:** To set whether parental control function needs a password, optional setting: On, Off; Default: On.

**Password :** To change the password of the parental control function, default : **000000**.

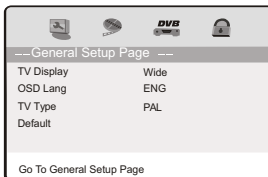


# DVB FUNCTION SETUP

Turn on the TV, press [SOURCE] button to change source to DVB, then you can enjoy the rich and colorful contents of Digital Video Broadcast!

In DVB mode, press [SETUP] button, then press [◀/▶] button to choose DVB item, the DVB setup menu will be displayed as follow:

## GENERAL SETUP



**1. TV Display: This item is used to set the output picture ratio of this unit.**

- Optional settings: Normal/PS, Normal/LB, Wide, Wide Squeeze; Default: Wide.

**2. OSD language: This item is used to set the OSD language .**

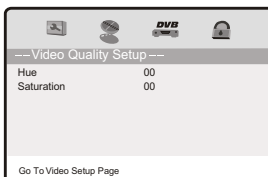
- Optional settings: English, Swedish, German; Default: English

**3. TV Type: To set the output video system of this player.**

- Optional settings: PAL, Auto, NTSC; Default: PAL.

**4. Default: This item is used to restore all settings to the default value except "Parental control" and "Password" in the setup menu.**

## VIDEO SETUP

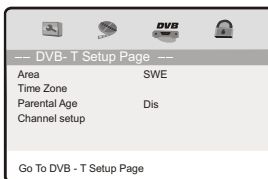


**1. Hue: This item is used to set the hue of video outputs.**

**2. Saturation: This item is used to set the saturation of video outputs.**

# DVB FUNCTION SETUP

## DVB-T SETUP



The DVB-T Setup Page is composed of four parts: Area, Time Zone, parental Age, Channel Setup.

**NOTE :** Press [▲/▼] button to select different item, and press [OK] or [▶] button to enter it. Press [◀] button to return to the previous menu or to exit the current menu.



### 1. Area

You can choose the area of your country.

Optional settings: Australia, Austria, Belgium, Denmark, Estonia, Germany, Spain, France, Italy, Netherland, Taiwan, UK, Swedish, Others; Default: SWE.

**NOTE :** you must set the correct area before searching channels

### 2. Time zone

To choose your time zone, it is set depending on your country. If you don't know the exact time, please ask local time management department.

Default: 01:00

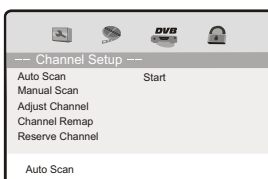
### 3. Parental age

This item is used to set the parental control ratings. To prevent your children watching undesired programmes.

- Optional settings: 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, Disable  
Default: Disable

### 4. Channel setup

This item is used to search channels, edit the channel list or your favourite channel list, view program guide information, etc.



# DVB FUNCTION SETUP

## ● Auto Scan

Connect the antenna to the RF socket on the TV, if the antenna needs a power supply, please press [ANT. ON/OFF] button to turn on the power for the antenna. Then you can automatically search channels without entering any other information.

In the scan process, the scan result will be displayed in the Auto Scan window.

Auto Scan	
Status	Found Channels
Freq: 65000KHz	
TV Total: 00	
Radio Total: 00	
Progress: <div><div></div></div>	40%

- Press [DVD MENU] on remote control more than 3 seconds to auto scan.
- Press [SETUP] button to enter setup menu, then choose the DVB item; Using the [▲/▼] button to select the Auto Scan item, and press [OK] or [▶] button to select Start item, then press [OK] button.

A prompting message will be displayed to request that you confirm, select "OK" and press the [OK] button to confirm.

**Note:** If you press the [SETUP] button during scanning, the operation is stopped and a prompting message will be displayed at the bottom of Auto Scan window. Select "OK" and press [OK] button to abort Auto Scan operation, and the channels found until then will be saved. And select "Cancel" and press [OK] button to return to Auto Scan process. Wait while the TV searches for the channels, this may take a few minutes.

Once you press [OK] button to start auto search operation, all the saved channels will be cleared.

## ● Manual scan

You can scan channels manually by setting scan parameters.

1. In setup menu, select "Manual Scan", a manual scan window will be shown as follows:
2. Enter the frequency you want to scan by the number buttons, then press "OK", the scan button seems be pressed, press [OK] button again to scan, a scan sign : scanning... will be shown on the window.
3. The scan result will be displayed on the right half of the manual scan window, you can save the founded channels or delete them.

Manual Scan	
Status	Found Channels
Freq: 177500KHz	
<div>Scan</div>	

## ● Adjust channel

You can set your favorite channel, set parental control age for some channels or delete channel in Adjust Channel window.

1. Select channel using [▲/▼] button, Press [RED] button to set this channel as one of your favorite channels.
2. Select channel using [▲/▼] button, if you don't like this channel press [GREEN] button to delete it.
3. Select channel using [▲/▼] button, press [YELLOW] button to set this channel as a protected one, to prevent children from watching the undesired program in it.

**Note:** If you set a channel protected, a password will need to be inputted in the Protect Channel window.

The default a password is 000000.

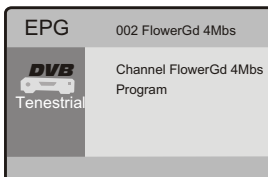
# DVB FUNCTION SETUP

- **Channel remap**

You can change every channel position as you like in channel remap window.

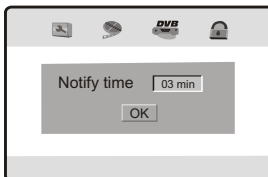
- **Reserve channel**

If you want to watch a special program on a channel at a later time, you can reserve it. Then a reminding signal will be displayed on screen several minutes before it starts.



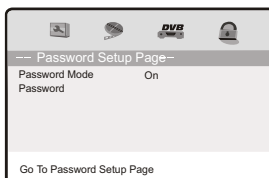
When playing a program on a channel, press [EPG] button, then a program information list of current channel will be displayed in a window, move the cursor to PROGRAM, then press [OK] button, a more detailed program list will be displayed, move the cursor to the program which you want to watch, then press [OK] button on remote control as shown in the window. The program is saved in your reserved channel.

You can set the time when the reminding signal should be displayed before the program starts.



## PASSWORD SETUP

**Password :** This item is used to set a six digit password to enable you to change the parental control ratings.



**Password Mode:** To set whether parental control function needs a password, optional setting: On, Off; Default: On.

**Password :** To change the password of the parental control function, default : **000000**.

# DVB FUNCTION SETUP

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## TELETEXT

Most TV stations provide cost-free teletext information, including the latest news, weather information, TV program list and stock information, etc. You just need to input the desired teletext page according to the teletext content.

### TELETEXT DISPLAY

- ◆ Select the channel with teletext signal;
- ◆ Press [TEXT] button;
- ◆ Select the corresponding page according to the colorized buttons on the remote control;
- ◆ Press [TEXT] button again, return to ordinary picture, hide the teletext.

### PAGE SELECTION

- ◆ You can input 3 digital numbers to enter the page you want to watch through number buttons. If the inputted number is invalid, you need to input 3 correct digital numbers again after you finished inputting this 3 digital numbers.
- ◆ You can select to turn pages forward or backward through [CH+/-] button.

### COLORIZED BUTTONS (RED, YELLOW, GREEN, CYAN)

Select the corresponding teletext page through colorized buttons.

# TROUBLESHOOTING

Please check for causes of problems in accordance with the following chart before contacting any maintenance personnel.

## TV TROUBLESHOOTING

Symptom	Causes and Correction
Cannot power on	◆ Please make sure the power cord is correctly connected.
No sound	◆ Please make sure the audio cord is correctly connected.
	◆ Check volume
	◆ Make sure there is nothing plugged into the headphone jack
Volume too low	◆ Check volume
	◆ If volume is still too low when adjusting volume to maximum, please check whether the input device is correctly set
Snowy picture	◆ Input antenna damaged or not well connected
Remote control failure	◆ Check whether remote control battery is full ◆ Whether battery installation is correct ◆ Whether obstacles exist between remote control and the unit's receiving window ◆ Check whether there is strong light around the receiving window.

# TROUBLESHOOTING

## DVD TROUBLESHOOTING

Symptom	Causes	Correction
Can't play	<ol style="list-style-type: none"> <li>1. Condensation on laser head</li> <li>2. Disc not properly loaded</li> <li>3. Disc not compatible with the unit</li> </ol>	<ol style="list-style-type: none"> <li>1. Switch on power and wait for 1 to 2 hours</li> <li>2. Make sure label side of the disc facing up</li> <li>3. Confirm whether this unit is compatible with the played disc</li> </ol>
Sound distortion	<ol style="list-style-type: none"> <li>1. Too large volume of connected device</li> <li>2. Sound field mode not suitable for disc</li> </ol>	<ol style="list-style-type: none"> <li>1. Adjust the device volume</li> <li>2. Adjust appropriate sound field</li> </ol>
No sound	<ol style="list-style-type: none"> <li>1. Disc warped or dirty</li> <li>2. The unit in mute state</li> </ol>	<ol style="list-style-type: none"> <li>1. Clean the disc</li> <li>2. Press MUTE button to cancel it.</li> </ol>
No image	<ol style="list-style-type: none"> <li>1. TV not set for proper system</li> <li>2. In backlight off mode</li> </ol>	<ol style="list-style-type: none"> <li>1. Reset AV/TV state of TV</li> <li>2. Press [B.L.ON/OFF] button</li> </ol>
No color	<ol style="list-style-type: none"> <li>1. TV system not right</li> <li>2. TV color not well adjusted</li> </ol>	<ol style="list-style-type: none"> <li>1. Set the TV color system according to the disc color system</li> <li>2. Reset the TV color</li> </ol>
No disc reading	<ol style="list-style-type: none"> <li>1. Disc warped or dirty</li> <li>2. Disc not correctly placed</li> <li>3. Condensation on laser head</li> </ol>	<ol style="list-style-type: none"> <li>1. Clean the disc</li> <li>2. Reload a disc with label side facing up</li> <li>3. Switch on power, unload disc and leave it for about 1hour</li> </ol>
Temporary function failure	<ol style="list-style-type: none"> <li>1. Mal-fabricated disc used</li> <li>2. Wrong buttons pressed</li> <li>3. Static leakage into the player from outside</li> </ol>	<ol style="list-style-type: none"> <li>1. Change disc</li> <li>2. Operate again</li> <li>3. Power off for 1 to 2 minutes then power on again</li> </ol>
No subtitle	<ol style="list-style-type: none"> <li>1. No subtitle recorded in disc</li> <li>2. The unit subtitle is turned off</li> </ol>	<ol style="list-style-type: none"> <li>1. Disc problem</li> <li>2. Press SUBT button to select it</li> </ol>
Image rolling	<ol style="list-style-type: none"> <li>1. System setup not suitable for disc</li> </ol>	<ol style="list-style-type: none"> <li>1. Adjust system mode</li> </ol>

- If the above methods still cannot solve the problem or the troubles are not listed, please contact local maintenance personnel.

# SPECIFICATIONS

Panel	Type Class Size (inch) Display Size (mm) Pixel Pitch (mm) Brightness (Cd/m <sup>2</sup> ) Contrast ratio Viewing Angle (H) Viewing Angle (V) Panel Life (Hours) Display Color	TFT color II (ISO 13406-2) 10.2" 222(W)x133.2(V) 0.2775(H) x 0.2775(V) 400 400:1 130 110 30 000 16 700 000
Inputs	Video Composite Audio Stereo Other interface USB Card reader FM antenna RF	1 ( CVBS )   1 1 1 1 1
Outputs	Video Composite Audio Stereo Headphone	1  1 2
Color Systems	TV tuner Video inputs	PAL, SECAM PAL, SECAM, NTSC 3.58, NTSC 4.43, PAL60
Sound Systems	TV tuner	DK, I, BG, L
DVD	Disc type	CD-R/RW, DVD-R/RW, DVD+R/RW
	Formats	DVD-Video, DivX, XviD, SVCD, VCD, CD-DA, HDCD, WMA, Kodak Picture CD, JPEG
Power adaptor	Input	~ 100 V – 240 V; 50/60 Hz
	Output	12 V; 2.5 A
Power	Normal Standby mode	24W Less than 1W
Environmental Consideration	Operating Temperature Operating Humidity Storage Temperature Storage Humidity	+5°C...+35 °C 10% – 80% -20°C...+45 °C 5% – 95%
DVB	Input connector Frequency range (VHF/UHF) Channel range(VHF/UHF)	IEC-Type, IEC 169-2, Female 174MHz~858MHz 7 & 8 Mhz
FM	FM frequency range	87.5MHz~108MHz
Dimensions	281 mm x 210 mm x 37 mm	
Net Weight	1.23 kg	

- These items are depended on the TFT panel, Design and specification are subject to change without notice.
- Because of discquality and format differences we cannot assure the unit will read all.  
Some functions cannot be utilized on some discs, but this is not a fault with the machine.



# DISPLAY MODE

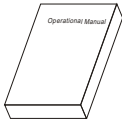
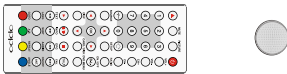


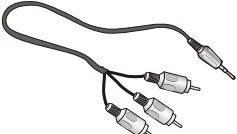



SUPPORTED VIDEO INPUT MODE			
Format	Hor scanning frequency	Ver scanning frequency	Vert scan type
720X480	31.47	59.94	480P
720X480	15.734	59.94	480i
720X576	31.25	50	576P
720X576	15.625	50	576i

**NOTE**

Specifications and design are subject to change without notice.

# ACCESSORIES

Please check the following accessories.

 <p>Operational Manual</p>	
User manual	Remote control and battery
	
Automotive Power socket adapter	Power adapter
	
AV cord	Headphone
	
DVB-T antenna	FM antenna